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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Houtzager et al.

Serial No.: 10/016,516

Filed: 12/10/2001

For: A STRUCTURE FOR PRESENTING
DESIRED PEPTIDE SEQUENCES

Examiner: To be assigned

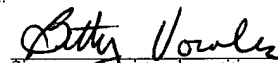
Group Art Unit: 1632

Attorney Docket No.: 2183-5208US

CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence along with any attachments referred to or identified as being attached or enclosed is being sent via Federal Express on the date of deposit shown below addressed to the U.S. Patent and Trademark Office, 2011 South Clark Place, Customer Window, Box Sequence, Crystal Plaza Two, Lobby, Room 1B03, Arlington, VA 22202.

May 20, 2002
Date of Deposit


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Betty Vowles
Typed/printed name of person whose signature is contained above

RESPONSE TO NOTICE TO COMPLY

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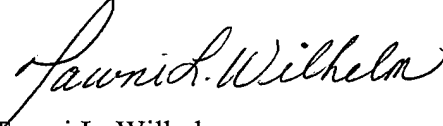
Sir:

Enclosed is a copy of the Notice to Comply with Requirements for Patent Applications Containing Nucleotide Sequence and/or Amino Acid Sequence Disclosures, along with the following required items in connection with the above-referenced application: paper copy of substitute Sequence Listing, copy of substitute Sequence Listing in computer readable form (CRF), statement under 37 C.F.R. § § 1.821-1.825 and Third Preliminary Amendment requesting entry of the substitute Sequence Listing into the application in place of the previously filed Sequence Listing. This document is being filed within two (2) months from the mailing date of the Notice to Comply.

Serial No.: 10/016,516

The substitute Sequence Listing is believed to comply with 37 C.F.R. § § 1.821-1.825 and to correct any noncompliance cited in the accompanying Notice to Comply. However, if any questions or concerns remain, the Office is kindly requested to contact applicants' attorney at the address or telephone number given herein.

Respectfully submitted,



Tawni L. Wilhelm
Registration No. 47,456
Attorney for Applicants
TRASKBRITT, PC
P. O. Box 2550
Salt Lake City, Utah 84110-2550
Telephone: (801) 532-1922

Date: May 20, 2002

ACT/TLW/bv

Enclosures: Copy of Notice to Comply
Paper copy of substitute Sequence Listing
Copy of substitute Sequence Listing in CRF
Sequence Statement
Third Preliminary Amendment



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Betty Vowles
Typed/printed name of person whose signature is
contained above

STATEMENT

U.S. Patent and Trademark Office
2011 South Clark Place
Customer Window, Box Sequence
Crystal Plaza Two, Lobby, Room 1B03
Arlington, VA 22202

Sir:

I, Tawni L. Wilhelm, an attorney registered to practice before the United States Patent & Trademark Office and attorney of record for this application, state that:

1. The enclosed paper copy of the substitute SEQUENCE LISTING, as well as the enclosed copy of the substitute SEQUENCE LISTING in computer readable form (CRF), have been prepared to comply with the requirements of 37 C.F.R. §§ 1.822 and/or 1.823.

2. The enclosed copy of the substitute SEQUENCE LISTING in computer readable form (CRF) is believed to be the same as the paper copy of the substitute SEQUENCE LISTING.

Serial No.: 10/016,516

3. The substitute SEQUENCE LISTING submitted herewith is believed to contain no "new matter" with regard to the referenced patent application. Amendments have been made to the original SEQUENCE LISTING in response to a Notice to Comply mailed April 24, 2002. Additionally, amendments have been made to present the protein sequences coded for by a number of nucleotide sequences as separate sequences in the substitute SEQUENCE LISTING and the order of the sequences has been changed so as to present all sequences in the order in which they appear in the application.

Respectfully submitted,

A handwritten signature in cursive script, reading "Tawni L. Wilhelm".

Tawni L. Wilhelm
Registration No. 47,456
Attorney for Applicants
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P. O. Box 2550
Salt Lake City, Utah 84110-2550
Telephone: (801) 532-1922

Date: May 20, 2002